

**FORM PTO-1449 U.S. Department of
Commerce (Rev. 4/92) Patent and Trademark**

ATTY. DOCKET NO.

SERIAL NO.

520.42989X00

10/629,813

APPLICANT

T. SHIROGANE, et al

FILING DATE

July 30, 2003

GROUP

2121

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

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(Form PTO-1449 [6-4])

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EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AC	5 3 3 7 4 1 4	8/94	Hashemi et al			
AC	5 4 5 0 5 4 8	9/95	Matsushima			
AC	5 8 3 8 8 9 1	11/98	Mizuno et al			
AC	6 0 0 9 5 3 5	12/99	Halligan et al			
AC	6 0 3 2 1 8 0	2/00	Nishikawa			
AC	6 2 3 7 0 5 2	5/01	Stolowitz			
AC	6 6 0 6 6 9 0	8/03	Padovano			
AC	6 7 0 1 4 5 6	3/04	Biessener			
AC 2 0 0 2	0 1 1 2 1 3 4	8/02	Ohran et al			
AC 2 0 0 3	0 0 9 7 6 0 7	5/03	Bessire			
AC 2 0 0 3	0 1 0 5 7 6 7	6/03	Sonoda et al			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
						YES	NO
AC 2 0 0 1	8 6 1 5 3	3/01	Japan				
AC 4	2 3 3 0 2 5	8/92	Japan				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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AL	2 0 0 3	0	1	0	5	9	2	1	6/03	Tomita			
AL	2 0 0 3	0	1	2	6	5	2	2	7/03	English et al			
AL	2 0 0 3	0	1	7	7	1	7	4	9/03	Allen et al			
AL	2 0 0 3	0	1	8	2	6	1	0	9/03	Bushmitch et al			
AL	2 0 0 3	0	2	2	6	0	9	2	12/03	Kim et al			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
													YES	NO
AL	2 0 0 1	8	6	1	5	3			3/01	Japan				

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AL	2 0 0 1 0 6 1 2	1/04	Pandya			
AL	2 0 0 4 9 5 5 3	3/04	Iwamura et al			
AL	2 0 0 9 8 3 9 4	5/04	Merritt et al			

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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
					YES	NO

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List of Information Disclosure Statement
for a new patent application
(Our Ref.NT1181US)

List of the prior art reference cited in the
specification

AC 1. Japanese Patent Laid-open No.2001-7785

AC 2. Japanese Patent Laid-open No.2001-168944

Other Prior Art

Non.

Appl. Cl.

7/6/05